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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of

Karabinis et al.

Serial No.: 09/261,209

Filed: 3/3/99

For: **DUAL MODE SATELLITE/CELLULAR  
TERMINAL**

Attorney's Docket No. 4015-3028

Examiner  
Hom, Shick C.  
Art Unit 2666

**RECEIVED**

JAN 23 2003

Technology Center 2600

Raleigh, North Carolina

January 15, 2003

Box AF  
Commissioner for Patents  
Washington, D.C. 20231

**RESPONSE TO FINAL OFFICE ACTION**

In reply to the Final Office Action dated December 3, 2002, Applicants submit the following Response. If any fees for the Response are due, Applicants submit that this be considered a Petition therefore, and the Commissioner is hereby authorized to charge Deposit Account 18-1167.

**REMARKS**

The Examiner has maintained the rejection to claims 47-58 under 35 U.S.C. §103(a) as being unpatentable over Ziv et. al. in view of Hannah et. al. The present invention relates to a method of communicating signal bursts between two stations, for example a mobile phone and a satellite relay station, using two different modulation techniques simultaneously. That is, both constant envelope modulated signal bursts and linearly modulated signal bursts are communicated over a single transmit/receive channel pair (i.e., uplink/downlink).